

Job No: 4946 BASF  
Page No: ET T115 1/96

HER 00041

1/96

## DESCRIPTION OF WORK PERFORMED (BY FOREMAN)

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CLASS NO. 1715

hot-water-wash  
+ blow-dry

CODED  
AND  
EXTENDED

HER 00042

DATE: 1-15-96

EMPLOYEE	JOB DESCRIPTION: ETT-112	4946 ETT-115	4946 OUPHED	4946 CO2-95	4946 PACESSETTER	TOTAL HOURS
GABRIEL DELA ROSA						
DANIEL HERNANDEZ	2	6 1/2				9 1/2
LUCIO NAJERA	2 3	6 1/2				12 1/2
JOE OLIVAREZ	8 1/2	4 1/2				12 1/2
SAM PETTIT	1	4		3 1/2		8
CLAUDIO DUARTE		6 1/2		2		9 1/2
JOSE' CASAS						
JUAN RIVERA	1	6 1/2				9 1/2
LUPE GOMEZ						
IGNACIO SILVA	1	1 1/2	1	3 1/2		7
VICTOR GONZALEZ		7 1/2	1			9 1/2
RICHARD RODRIGUEZ						
TRINO RODRIGUEZ	5 1/2	2	1			9 1/2

JOB DESCRIPTION & TIME WORKED:

8:00AM - 9:00AM - ETT-112 wait for Dahl Inspector, then close down  
 8:00AM - 9:00AM = OUPHED wash tank #18, then move chemical out of V-303 and  
 blow into T-18 wash V-303 and Blow Dry.

9:00AM - 6:00PM ETT-115 = Hot water wash & Blow Dry  
 Used four pair of respirator filters, three pair of canisters, two  
 flashlight batteries.

11:00AM - 3:00PM = PACESSETTER Replace 1" x 4" piece of tape  
 vacuum & wash Bilge when work was to be perform.

HER 00043

# HERCULES

MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. : 3298-96

DATE : January 29, 1996

Job No. : 4946-1

Location : Freeport

TO: BASF  
602 Copper Road  
Freeport, TX 77541

PLEASE REMIT PAYMENTS TO:  
11011 RICHMOND  
SUITE 500  
HOUSTON, TX. 77042

PO# F91392

Terms : Net 30

FOR: Service to ETT115 as follows:

Set up equipment  
Strip out all free product  
Hot water wash and blow pipeline and stripping system  
Hot water wash cargo tanks  
Blow cargo pipeline and stripping system  
Vacuum blow dry cargo tanks  
Sweep powder rust from cargo tank floors  
Wash and strip deck around engine and headers  
Pressure test cargo pipeline to 40# PSI  
Clean off deck  
Remove equipment  
Close barge

Disposal: 2,000 gals.	@	<sup>35</sup> 50		\$ 700.00
Equipment: Compressor	8	@	44.00	352.00
Air movers	20	@	5.00	100.00
Steam rig	4	@	80.00	320.00
Vacuum	4	@	18.00	72.00
Hand hose	4	@	10.00	40.00
2" strip pump	4	@	12.00	48.00
Material: 37.05	+	7.41		44.46

Labor: Leadman  
Leadman  
Journey  
Journey

TOTAL AMOUNT DUE

\$3,222.46

ARRIVED: 1/15/96 9:00 a.m.  
COMPLETED: 1/15/96 6:00 p.m.

PHONE: (409) 233-6371

Strength through Experience, Equipment, Know-How

HER 00044

# JOB WORKSCOPE/BREAKDOWN

JOB NO. 4946 CUSTOMER BASF BARGE ETT115

FOREMAN:

LEADMAN:

JOURNEY

DISPOSAL: 2,000 GALS. @ .50

700

MATERIAL:        PLUS       

STOCK MATERIAL:        PLUS       

44.46

1590.45

EQUIPMENT:

COMPRESSOR	@ 44.00
AIR MOVERS	@ 5.00
FORKLIFT	@ 20.00
TUGBOAT	@ 80.00
STEAM RIG	@ 80.00
VACUUM	@ <del>18.00</del> <u>25.00</u>
HAND HOSE	@ 10.00
WELDING MACHINE	@ 15.00
CHERRY PICKER	@ 50.00
CRANE	@ 130.00
FLATBED TRUCK	@ 20.00
3" GAS PUMP	@ 14.00
2" STRIPPING PUMP	@ 12.00
BUTTERWORTH	@ 10.00
4" ELECT. PUMP	@ 15.00
WORK BARGE	@ 35.00
CUTTING RIG	@ 8.00
HAUL OUT	@ 1100.00

ARRIVED: \_\_\_\_\_ COMPLETED: \_\_\_\_\_ DEPARTED: \_\_\_\_\_

PRODUCT: \_\_\_\_\_ LOAD: \_\_\_\_\_

TOTAL INVOICE: \$3,222.46

3250.46

3298.98

4 belers 20.00  
3 coveralls 8.55  
2 batteries 4.50

HER 00045

# HERCULES OFFSHORE CO.

**MARINE REPAIR  
ORDER No.**

4946

MARINE OPERATIONS FACILITY

INVOICE NO. \_\_\_\_\_

CUSTOMER P.O. \_\_\_\_\_

DATE	ORDER WRITTEN	1-15-96		ETA	
	ARRIVAL				
	COMPLETION DATE				
	DEPARTURE DATE	1-15-96 9:00 AM - 1-15-96 6:00 PM			
	M/V <input type="checkbox"/>	BARGE <input checked="" type="checkbox"/>	ETT 115		
	NAME				
	LOA			BIRTH	
	FOREMAN	C. Duarte			
	LAST PRODUCT				
	GAS FREEING	YES <input type="checkbox"/>	CERTIFICATE REQUIRED	YES <input type="checkbox"/>	
		NO <input type="checkbox"/>		NO <input type="checkbox"/>	
	HAUL OUT FOR INSPECTION AND REPAIR	YES <input type="checkbox"/>	NO <input type="checkbox"/>		
	ON WAYS	DATE: _____			
	ON WAYS	DATE: _____			

CUSTOMER	NAME	BASF	
	BILLING ADDRESS		
	CITY AND STATE		
	PHONE NUMBER		
	WORK AUTHORIZED BY	Robert	
	STOCK MATERIAL	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET		
	OUTSIDE SERVICES	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	IF YES, LIST		

## ITEM NUMBERS

1	Hot water wash
2	
3	
4	
5	
6	
7	
8	
9	
10	

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: Alfredo Duarte Date: 1-15-96

HER 00046



P.O. Drawer 0  
Freeport, Texas 77541

Strength through experience, equipment, know-how

Office: (409) 233-6371  
Fax: (409) 233-6375

### FINAL CHECK LIST

DATE: 1-15-86

BARGE: Ett-115

BLND NUMBER CHECKED 2 REPLACED GASKET YES    NO   

GATE VALVE NUMBER CHECKED 6 REPLACED GASKET YES    NO   

PLUGS NUMBER CHECKED 1 REPLACED PLUG YES    NO   

\* CHECK VALVE NUMBER CHECKED N/A REPLACED GASKET YES    NO   

DEEPWELL BLIND NUMBER CHECKED N/A REPLACED GASKET YES    NO   

BELOW DECK CARGO PIPELINE BLIND NUMBER 1 REPLACED GASKET YES    NO   

BELOW DECK CARGO PIPELINE BLIND REMOVED YES    NO   

DRIP PANS VALVES: CLOSED BY LUCIO

DRIP PANS COVER: CLOSED BY N/A

CONTAINMENT AREA PLUG OR VALVES: CLOSED BY LUCIO

AIR TEST CARGO LINE - 40psi - USING SOAP

SIGNATURE OF TESTER: [Signature]

WITNESS: [Signature]

\* CHECK VALVE GASKET WILL BE REPLACED

\* AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

HER 00047





# BARGE CLEANING REPORT

JOB NO. 4846  
 BARGE NO. ETT-115  
 CUSTOMER BASF  
 PRODUCT N-Butanol

ETA \_\_\_\_\_  
 DATE/TIME ARRIVAL 1-15-96 8:00 AM  
 DATE/TIME STARTED 1-15-96 8:00 AM  
 DATE/TIME COMPLETE 1-15-96

AMOUNT STRIPPED 400

CLEANING INSTRUCTION BY: \_\_\_\_\_  
 COMPLETION SCHEDULE BY: \_\_\_\_\_  
 OVERTIME AUTHORIZED BY: \_\_\_\_\_  
 BARGE INSPECTED BY: Daniel R. Rance DATE/TIME: \_\_\_\_\_  
 BARGE RELEASED TO: \_\_\_\_\_ DATE/TIME: \_\_\_\_\_  
 DEEPWELL OPENED: YES N/A NO \_\_\_\_\_ CLOSED BY \_\_\_\_\_ NEW GASKET YES \_\_\_\_\_ NO \_\_\_\_\_  
 BELOW DECK CARGO PIPELINE: BLIND OPEN YES N/A NO \_\_\_\_\_ CLOSED BY \_\_\_\_\_ NEW GASKET YES \_\_\_\_\_ NO \_\_\_\_\_  
 DECK CHECK VALVE OPENED: YES N/A NO \_\_\_\_\_ CLOSED BY \_\_\_\_\_ NEW GASKET YES \_\_\_\_\_ NO \_\_\_\_\_  
 DECK HEADER BLINDS OPEN: ✓ INSPECTED BY CALEB BRETT \_\_\_\_\_  
 DECK HEADER DRAIN PLUG OPEN: YES ✓ NO \_\_\_\_\_ CLOSED BY Daniel  
 VAPOR RECOVERY HEADER OPENED: YES ✓ NO \_\_\_\_\_ CLOSED BY Daniel NEW GASKET YES \_\_\_\_\_ NO \_\_\_\_\_  
 RUST SCALE: YES \_\_\_\_\_ NO ✓ WASHED OUT \_\_\_\_\_ BUCKETED OUT \_\_\_\_\_  
 NUMBER OF CARGO TANKS 3  
 CONDITION OF CARGO VALVES GOOD  
 SLOP TANK STRIPPED: YES N/A NO \_\_\_\_\_  
 DRIP PANS STRIPPED: YES ✓ NO \_\_\_\_\_  
 WEATHER: TEMP 80 RAIN \_\_\_\_\_ FOG \_\_\_\_\_ HUMIDITY \_\_\_\_\_ OVERCAST \_\_\_\_\_ CLOUDY \_\_\_\_\_ CLEAR ✓  
 PIPELINE WASHED: ✓ PIPELINE BLOWN ✓ INSPECTED BY CALEB BRETT  
 BOW RAKE CHECKED: YES ✓ NO \_\_\_\_\_ STERN RAKE: YES ✓ NO \_\_\_\_\_  
 VOIDS: YES ✓ NO \_\_\_\_\_ SAFETY EQUIPMENT USED: \_\_\_\_\_  
 SUMPS INSPECTED \_\_\_\_\_

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## NOTICE

All barges cleaned for BASF will be inspected by Caleb Brett. The inspector will have paperwork for the Hercules foreman in charge to sign. The foreman will put two copies in the document mail box. One copy will stay in the mailbox, and the captain of the tugboat that is picking up the barge will not be called until inspection is completed and documentation is in the mailbox. If any problems, BASF logistics representative must be contacted.

Inspected 1/15/96 1710 1745  
 Time In Time Out

Inspected By Daniel R. Rance

NO BASF BARGE THAT HAS BEEN CLEANED WILL BE RELEASED UNTIL CALEB BRETT HAS SIGNED THE RELEASE PAPERS. CALEB BRETT WILL BE GIVEN A COPY OF THIS FORM.

HER 00049



# Inchcape Testing Services

Caleb Brett

## VISUAL TANK INSPECTION REPORT

YOUR REFERENCE
OUR REFERENCE FPI96-0114

Original "ETT 115"	PRODUCT / CARGO To Load Anvolon	PORT / TERMINAL Hercules	DATE 1-15-96
k Number	1,2,3C		
k Coating			
1 Cargo	DL Butanol		
2nd Last Cargo	Cyclo		
3rd Last Cargo	k		
e/Date Inspected	1-15-96 <sup>1975</sup>		
al Cleanliness Accepted/Rejected*	Accepted		
ason for Rejection	—		

Method said to have been used to clean tanks:	TK# 1,2,3C	Wash pipeline with 170° - 200° H <sub>2</sub> O then blow back
	TK#	Wash cargo tanks for 30 min per tank with 160° - 180° H <sub>2</sub> O
	TK#	Blow Dry 1 hr per tank
	TK#	
	TK#	
	TK#	
	TK#	

Information regarding previous cargoes, tank coating and cleaning method was obtained from vessel personnel and cannot be guaranteed as accurate by Caleb Brett & Co., Inc. and no liability can be assumed for errors resulting from improper information supplied. This report, of necessity, is based on such information.

The cleanliness of inspected tank(s) is/are based on visual inspection of tank surfaces and line system at accessible areas only. This document does not cover the cleanliness of tank surfaces and line system at inaccessible spots and/or possible release of components of previous cargoes during loading, discharge or transport of the cargo in question, for which the vessel is fully responsible. Suitability of tank coating for intended cargo must be guaranteed by vessel's owner or by suppliers of the coating.

Form # 2-056-94

for Vessel X. Placencia

DLR  
FOR CALEB BRETT

HER 00051

HAZARDS COMMUNICATION STANDARD

OSHA 1910.1200

EMPLOYEE HAZARDOUS MATERIALS TRAINING PROGRAM

Date 1-16-86

Plant HERCULES

Area GAS FREE DOCK

Supervisor Alfredo P. Ruiz

Client Safety                     

The following listed materials are considered to be hazardous to the employees working in this area:

N-BUTANOL

The employees assigned to work in this area have been informed of the hazardous materials in this area, the hazards they present to the workers, the location of hazards listed, the protective equipment that has been provided and where it is located, and procedures to be followed in case of an accidental exposure. I have received the training listed above and will so designate by signing this form.

NAME	BADGE	NAME	BADGE
<u>Alfredo P. Ruiz</u>	<u>70</u>		
<u>David Hernandez</u>	<u>336</u>		
<u>Alfredo Ruiz</u>			

HER 00052

(1-202-483-7616 OUTSIDE THE CONTINENTAL U.S. AND IN WASHINGTON, D.C.)  
**EMERGENCY RESPONSE INFORMATION SHEET**

C. 12912

**N-BUTANOL**

DOT  
FLAMMABLE  
LIQUID  
NA1120

FORM: LIQUID, CLEAR  
SPECIFIC GRAVITY: 0.8  
SOLUBILITY IN WATER: MIXES SLIGHTLY  
FREEZING POINT: -128°F  
BOILING POINT: 243.9°F  
FLASH POINT: 97°F (TOC)

FLAMMABLE LIMITS: 1.4% - 11.2%  
VAPOR HAZARD: FLAMMABLE.  
IRRITATING.  
REACTS WITH: OXIDIZING MATERIALS,  
COPPER AND ITS ALLOYS.

## HEALTH HAZARDS

ANIMAL: AVOID INGESTION. AVOID EXPOSURE.  
FISH: AVOID ENTRY INTO NATURAL WATERS. MAY CAUSE LOCALIZED FISH KILL.  
EYES: MODERATE BURN. MODERATE IRRITATION.  
SKIN: MODERATE IRRITATION; TOXIC BY ABSORPTION UPON GROSS CONTACT.  
INHALATION: SLIGHTLY IRRITATING. DROWSINESS, UNCONSCIOUSNESS.  
INGESTION: LOW TOXICITY.

## IN CASE OF ACCIDENT

<b>S P I L L</b>	FLAMMABLE. IRRITATING. KEEP UPWIND. ISOLATE AREA AND DENY ENTRY. DO NOT GET IN EYES. AVOID CONTACT WITH SKIN. AVOID BREATHING VAPORS. USE WATER SPRAY TO REDUCE VAPOR. NO SMOKING, FLARES, OR OPEN FLAMES. SHUT OFF IGNITION AND LEAK IF WITHOUT RISK. USE NONCOMBUSTIBLE ABSORBENT MATERIAL/SAND AND SHOVEL INTO SUITABLE CONTAINERS. DIKE LARGER SPILLS AND RECOVER. AVOID ENTRY INTO SEWERS AND/OR NATURAL WATERS. CLOTHING: WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. DISPOSAL: CONTACT MANUFACTURER AND AUTHORITIES
<b>F I R E</b>	FLAMMABLE. IRRITATING. DO NOT PUT OUT ANY FIRES AT VENTS UNTIL LEAK IS SHUT OFF. MAY DECOMPOSE IN HEAT/FIRE RELEASING PRODUCTS OF GREATER HAZARD. COOL CONTAINERS EXPOSED TO HEAT/FIRE WITH WATER TO PREVENT BURSTING. SMALL FIRES: USE DRY CHEMICAL OR CO <sub>2</sub> . LARGE FIRES: USE WATER SPRAY, FOG, OR ALCOHOL FOAM. IF MASSIVE FIRE: USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES. IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN. DIKE LIQUID RUN-OFF. AVOID ENTRY INTO SEWERS AND/OR NATURAL WATERS.
<b>F I R I S T</b>	EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15 MINUTES. CONSULT MEDICAL PERSONNEL. SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. CONSULT MEDICAL PERSONNEL. CLOTHING: REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND WASH BEFORE REUSE. DESTROY CONTAMINATED SHOES AND LEATHER ITEMS. INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT MEDICAL PERSONNEL.

The information contained herein is hereby presented as a complimentary act, in good faith, and is, to the best of The Dow Chemical Company's knowledge and belief, accurate and reliable as of the date printed, but may well be incomplete. No representation, guarantee or warranty is made as to its accuracy, reliability or completeness and, as Governmental regulations and use conditions may change, it is the user's responsibility to determine the current appropriateness and suitability for specific end uses prior to use.

FORM C-10016 PRINTED 9-78



**DOW CHEMICAL U.S.A.**

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

R-04-01-81

**HER 00053**

# HERCULES OFFSHORE CO.

## MARINE REPAIR

MARINE OPERATIONS FACILITY

INVOICE NO. \_\_\_\_\_

ORDER No. 4946

CUSTOMER P.O. \_\_\_\_\_

DATE	ORDER WRITTEN <u>1-15-96</u>	STA
	ARRIVAL	
	COMPLETION DATE	
	DEPARTURE DATE	
	M/V <input type="checkbox"/> BARGE <input checked="" type="checkbox"/>	
	NAME <u>ETT 115</u>	
	LOA	WIDTH
	FOREMAN <u>C. Duarte</u>	
	LAST PRODUCT	
	GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>	CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>	
	ON WAYS	DATE: _____
	ON WAYS	DATE: _____

CUSTOMER	NAME <u>BASF</u>
	BILLING ADDRESS
	CITY AND STATE
	PHONE NUMBER
	WORK AUTHORIZED BY <u>Robert</u>
	STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET
	OUTSIDE SERVICES <input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, LIST

### ITEM NUMBERS

1 Hot water wash

2

3

4

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THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

HER 00054